Finding Funding

Grant Writing Course

- **How to look**
- **Where to look**
- **What’s already been funded**

How to Look

- Know what you want to have funded
  - Yourself
    - Early
    - Dissertation
    - Post-doc
  - Your Research
  - Travel

What you will need?

- Yourself
  - What stage you are in?
- Your Research
  - Have an abstract of your research
  - Keywords
  - What you plan to learn within your research?
- Travel
  - What conference you are interested in:
  - What associations may fund you?

Funding for Yourself: Where to Look

- First Years
  - NSF / http://www.nsf.gov/funding/aboutfunding.jsp
    - Deadline is November, 2005
    - Award based on GRE, transcripts, choice of institutions, past performance, very brief (2 page) description of proposed research and letters of reference.
  - Henry M. Jackson Foundation
    - Due in June
    - Application = memo of plan, goals, progress

Funding for Yourself: Where to Look

- PhD Candidates
  - NIH NRSA (F31)
    - http://grants.nih.gov/grants/guide/pa-files/PA-00-125.html
    - NIAAA, NIDCD, NIDA, NIMH, NINDS, NCAAM
    - 2 – 3 years of support (stipend + 2500 for instructional support + health insurance)
    - Deadlines: April, August and December 5
    - Award based on research plan, past performance

Funding for Yourself: Where to Look

- Final Year – Dissertation Awards
  - For example, AAUW (http://www.aauw.org/fga/fellowships_grants/american.cfm)
    - Women only
    - November 15 deadline
    - 20,000 stipend

Funding for Yourself: Where to Look

- Post-docs
  - NIH K-Kiosk: http://grants2.nih.gov/training/careerdevelopmentawards.htm
    - NIH NRSA (F32)
    - K01 (for more information, http://nextwave.sciencemag.org/cgi/content/full/2000/10/12/9)
    - K22 Career Transition Award

Funding for Your Research: Where to Look

- Government: NIH, NSF
  - Program Announcements: http://grants1.nih.gov/grants/guide/pa-files/index.html
  - Requests for Applications: http://grants1.nih.gov/grants/guide/rfa-files/index.html
  - Search the files: http://grants1.nih.gov/grants/search.htm?site=guide
  - Sign up for email updates: http://grants1.nih.gov/grants/guide/listserv.htm

Finding Funding

- Federal Institutions
  - The Federal Trough: http://nextwave.sciencemag.org/cgi/content/full/2002/02/20/3
  - DOD
    - DARPA: http://www.darpa.mil//baa/
    - ½ billion for University science research
    - Strings and Hoops

Finding Funding

- Searchable Databases:
  - Grantsnet
  - http://www.fastweb.com
  - http://scholarships.kachinatech.com/scholar16.html
  - http://the-scientist.com/funding/funding_search.html

Grantsnet http://www.grantsnet.org

- Register to get full usability of the site
  - save searches
  - get email updates
- Fill out search form
  - Training (what level of education you are at)
  - Type of application (individual)
  - Type of research (check off to limit results)

Finding Funding

- Private institutions: http://fdncenter.org/funders/
  - http://fdncenter.org/funders/
    - Sector Search
    - ‘AND’ or ‘OR’ when searching

Search Engines

- Google, Yahoo, etc.
  - Keywords:
    - Graduate student
    - Funding
    - Fellowship
    - Research specific (ie: spinal cord injury, laser therapy, etc.)

Finding Funding

- Research Specific Associations
  - ASLMS http://www.aslms.org
  - SFN http://www.sfn.org
  - ASM http://www.asm.org
  - APA http://www.apa.org/students/funding.html
  - WIN http://www.womeninneuroscience.org
    - Bulletin boards and email lists
- For students, often have small research grants or larger fellowship offerings

Finding Funding

- Ask your doctoral committee
- Ask your grad student office (Janet)
- Journal article acknowledgements
- *Specialized sources of funding are not always well-advertised.

Minorities

- NIH NRSA:
  - http://grants.nih.gov/training/careerdev/pboppo rte.html#pbefellowminority
  - 5 years of support
  - May 1 or November 15 deadline
- Ford Foundation
  - http://www7.nationalacademies.org/fellowships/ fordpredoc.html
  - 3 years of support
  - November 20 deadline
- Several associations (ACS, ASM) offer predoctoral minority fellowships
  - http://www.asm.org/Awards/index.asp?bid=149 56

Women

- Women in Science fellowships/grants: http://nextwave.sciencemag.org/cgi/content/full/2000/05/31/12

- Associations:
  - AWIS: http://www.awis.org/ed_foundation.html
    - $1000 research awards to be used for any aspect of education (tuition, books), research, or travel
  - GWIS: http://www.gwis.org/Awards-Grants/Awards.htm
    - December 1 deadline
    - $300 - $4000 for research costs

Non-US Citizens

- Not eligible for most US based fellowships
- Grantsnet Global Search:
  - http://nextwave.sciencemag.org/cgi/content/full/2000/03/30/5

Funding for Travel: Where to Look

- Associations sponsoring the conference
  - Based on abstract/presentation
  - From associations
    - SFN
    - ASM http://www.asm.org/Awards/index.asp?bid=14968)

Funding for Travel: Where to Look

- Non-specific Travel Grants:
  - NIH Minority Travel Grants (Human Genome Project Specific; add-on)
  - GWIS
    - http://www.gwis.org/Awards-Grants/Awards.htm
  - Abcam
    - http://www.abcam.com/index.html?pageconfig=awards
    - “Luck of the draw”

How to Find Grants Like Yours

- Prepare a list of keywords and phrases describing your application
- Use your keyword list to find abstracts of other grants similar to your own.
  - Note the funding agency and study section.
  - Review the keywords used by the abstractor and refine your keyword list

Places to Look

- Crisp: http://crisp.cit.nih.gov
- NSF: http://www.nsf.gov/home/grants/grants_awards.htm
- FedRip and DTIC: http://rcs.lrc.usuhs.mil/rcs/rcsmain.html

Things to Keep in Mind

- Improve your odds of being funded: match your objectives with those of the funding agency
  - Particular types of research (clinical, specific diseases)
  - Personal characteristics (collaborations, career phase, race, gender, etc.)

Things To Keep In Mind:

- When contacting granting agencies, remember to ask:
  - What research expenses the grant will cover (ie. Travel, living expenses, research supplies, etc.)
  - Does the agency fund your type of research?
  - How large is the funding pool?
  - How many applications are received and how many are funded?
  - What are the deadlines?

Questions?

- Http://www.nextwave.org has a person on staff to help with questions:
  - Grantdoctor@aaas.org
  - Also has regular column where questions are answered